

Tinghui Zhu

Education

Fudan University	2022/09 – present
<i>M.S. in Computer Science.</i> Advisor: Yanghua Xiao	Shanghai, China
Fudan University	2018/09 – 2022/06
<i>B.S. in Computer Science.</i> Advisor: Yanghua Xiao	Shanghai, China

Experiences

Meituan	2022/06 – 2023/03
<i>Research Intern</i>	Shanghai, China

Publications

* Indicates equal contributions.

- Tinghui Zhu**, Qin Liu, Fei Wang, Zhengzhong Tu, Muhao Chen. Unraveling Cross-Modality Knowledge Conflicts in Large Vision-Language Models. *Under Review*, 2024.
- Tinghui Zhu***, Kai Zhang*, Jian Xie, Yu Su. Deductive Beam Search: Decoding Deducible Rationale for Chain-of-Thought Reasoning. In *Proceedings of the 1st Conference on Language Modeling*, 2024.
- Siye Wu*, Jian Xie*, Jiangjie Chen, **Tinghui Zhu**, Kai Zhang, Yanghua Xiao. How Easily do Irrelevant Inputs Skew the Responses of Large Language Models?. In *Proceedings of the 1st Conference on Language Modeling*, 2024.
- Jiangjie Chen, Xintao Wang, Rui Xu, Siyu Yuan, Yikai Zhang, Wei Shi, Jian Xie, Shuang Li, Ruihan Yang, **Tinghui Zhu**, Aili Chen, Nianqi Li, Lida Chen, Caiyu Hu, Siye Wu, Scott Ren, Ziquan Fu, Yanghua Xiao. From Persona to Personalization: A Survey on Role-Playing Language Agents. *Transactions on Machine Learning Research*, 2024.
- Jian Xie*, Kai Zhang*, Jiangjie Chen, **Tinghui Zhu**, Renze Lou, Yuandong Tian, Yanghua Xiao, Yu Su. TravelPlanner: A Benchmark for Real-World Planning with Language Agents, In *Proceedings of the 42nd International Conference on Machine Learning*, 2024.
- Tinghui Zhu**, Jingping Liu, Haiyun Jiang, Yanghua Xiao, Zongyu Wang, Rui Xie, Yunsen Xian. Towards Visual Taxonomy Expansion. In *Proceedings of the 32nd ACM Multimedia Conference*, 2023.
- Chao Wang*, **Tinghui Zhu***, Jingping Liu, Yanghua Xiao. SLR:A Million-Scale Comprehensive Crossword Dataset for Simultaneous Learning and Reasoning. *Neurocomputing*, 2023.

Awards

- National Scholarship** (top 1%), Fudan University 2023/10

Services

Reviewer for ICDE 2023, KDD 2023, ACL 2023, ACL 2024, COLM 2024, EMNLP 2024, ICLR 2025.